

Title (en)
FLUID DISPENSER APPARATUS

Title (de)
FLÜSSIGKEITSSPENDER

Title (fr)
DISPOSITIF DISTRIBUTEUR DE FLUIDE

Publication
EP 1196744 A4 20070228 (EN)

Application
EP 00928797 A 20000503

Priority

- US 0012119 W 20000503
- US 30429799 A 19990503
- US 43071199 A 19991029

Abstract (en)

[origin: WO0066981A1] A fluid dispenser (10) for administering fixed or adjustable doses in injectable applications comprises: a connection member (10) connected to a fluid source (26); body member (20); a dose cylinder (32), a connection member (18); a piston member (22) and spring (66) biased in an extended position; a trigger member (24). The dispenser may include an automatic venting feature (78) to assist the flow and to prevent contaminants from being suctioned back into the container; a guide positioned on the connection member (18); a seal chamber (26) mounted on the connection member. The sealed chamber (250) has a first tip (252), a second tip (254), and a movable seal (256). Both of the tips are adapted to be connected with communication channel (30) and with a fluid source. The dispenser may include a mechanism (15) for dispensing measured doses, a protective cap (162), insulation and padding (170).

IPC 1-7
B05B 11/00

IPC 8 full level
B05B 11/00 (2006.01); **B67B 7/86** (2006.01); **G01F 11/02** (2006.01)

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B05B 11/0038 (2018.07 - EP US); **B05B 11/0044** (2018.07 - EP US); **B05B 11/00442** (2018.07 - EP US); **B05B 11/0097** (2013.01 - EP US); **B05B 11/028** (2023.01 - EP US); **B05B 11/1002** (2023.01 - EP US); **B05B 11/1007** (2023.01 - EP US); **B05B 11/1008** (2023.01 - EP US); **B05B 11/1045** (2023.01 - EP US); **B67B 7/28** (2013.01 - EP US); **G01F 11/027** (2013.01 - EP US); **B05B 11/0054** (2013.01 - EP US)

Citation (search report)

- [XY] WO 9746479 A1 19971211 - ANDERSON MARK L [US]
- [Y] US 4081111 A 19780328 - SANDOW KIYOSHI
- [X] US 4902281 A 19900220 - AVOY DONALD R [US]
- [A] GB 413145 A 19340712 - WANNER & CO A G
- See references of WO 0066981A1

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
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